Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 01 Jun 2023 until 23:59 on Friday 02 Jun 2023

Forecast Issued on Thursday 01 Jun 2023 at 02:45

Confidence: High confidence for generally settled conditions, but lower for cloud details.

Headline for Thursday 01 Jun 2023: Low cloud lifting and breaking through the day. The best of the sunshine in the west.

Mountain weather hazards on Thursday 01 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
MIST					
Mist	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Dull
Precipitation probability					
10%	<05%	<05%	<05%	<05%	10%

Forecast for Thursday 01 Jun 2023

Weather: Extensive low cloud covering the park early morning, although the highest summits could possibly remain just above the cloud at times. Cloud lifting and breaking through the morning, with the western side of the park likely seeing prolonged sunshine through the afternoon. The eastern half of the park is likely to be cloudier at times although still seeing some bright or sunny spells before cloud pushes westwards once again into the evening to cover much of the park.

Chance of cloud-free hill tops above 600m: 60% at first, rising to 95% through the morning. Note that some lower levels likely obscured by cloud early on.

Low cloud and visibility: Low cloud across the park at first will have bases down to around 400m, but as it's a relatively thin layer of cloud the highest summits could remain above the cloud at times, perhaps becoming partially obscured through the morning as cloud lifts and breaks. Visibility generally very good throughout the day, dropping to poor in early low cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 01 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 NE	21/28 NE	18/25 NE	17/24 NE	18/26 NE	19/27 NE	19/27 NE
300	10/14 E	13/18 NE	14/20 NE	14/21 NE	14/22 NE	12/20 NE	11/18 NE
Valley	8/16 E	10/19 E	12/21 NE	11/21 NE	11/22 NE	9/19 NE	8/18 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	7/3	10/6	11/8	9/5	6/2	5/0
300	8/5	10/8	13/10	14/11	12/9	9/6	8/5
Valley	9/7	12/10	15/13	16/13	13/11	10/8	9/6
Freezing Level*	2500m	2600m	2400m	2300m	2300m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels are forecast once cloud clears, so carrying sun protection is essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 01 Jun 2023	0mm	0mm	0mm

Forecast for Friday 02 Jun 2023

Weather: Low cloud pushing in from the east affecting the park overnight, clearing quickly through the morning to give a fine sunny day.

Maximum wind: Northeasterly 15-20 mph, gusting up to 30 mph early on.

Chance of cloud-free hill tops above 600m: 70%, rising to greater than 95% through the morning. Note, some eastern lower levels likely to be obscured by early low cloud.

Low cloud and visibility: Low cloud affecting the park early on, with some summits perhaps staying above the level of cloud at times. Cloud then clearing through the morning to give clear skies. Visibility generally very good, briefly dropping to poor in early low cloud.

Temperature: **Valleys:** Plus 7 Celsius, rising to Plus 17 Celsius.
At 600m: Plus 4 Celsius, rising to Plus 13 Celsius.
Freezing level: Above summits.

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